

Amendments to the Specification:

Replace the paragraph at page 6, lines 2-18, with the following amended paragraph:

--Referring to Fig. 1a, an organic light emitting diode (OLED) display according to one embodiment of the present invention comprises an array of OLED light emitting elements 10 (only one of which is shown), each OLED having two terminals; a voltage sensing circuit for each OLED ~~sensor~~ including a transistor 12 in each circuit connected to one of the terminals of a corresponding OLED for sensing ~~senses~~ the voltage across the OLED to produce a feedback signal 14 representing the voltage across the ~~one or more OLED displays~~; and a controller 16 for controlling the organic light emitting diode display and responsive to input signal 26 and the feedback signal 14 for calculating a corrected control signal 24 for the ~~one or more OLED displays~~ and applying the corrected control signal 24 to data used to drive each the OLED display that to compensate for the changes in the output of ~~the one or more each~~ OLED displays 10. A load resistor 15 that is connected between the transistor 12 and ground generates a voltage proportional to the voltage across OLED 10. Fig. 1b illustrates an alternate configuration of the voltage sensor. In this embodiment, the load resistor 15 is connected to the power Vdd line rather than the ground. The load resistor may be provided in a variety of locations, including in the controller. In the embodiments show in Figs. 1a and 1b, a separate feedback signal 14 may be provided for each OLED or group of OLEDs that are to be measured.--